PTO/SB/21 (04-01)

Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995. are required to respond to a collection of information unless it displays a valid OMB control numbé **Application Number** 10/681.580 TRANSMITTA Filing Date October 6, 2003 **FORM** First Named Inventor Glenn H. Mackal **岁**ft Unit 3753 xaminer Name (to be used for all correspondence after initial filing Eric S. Keasel Attorney Docket Number 380804.00116 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC ✓ Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information Provisional Application After Final Power of Attorney, Revocation Status Letter Change of Correspondence Address Affidavits/declaration(s) Other Enclosure(s) (please Identify **Terminal Disclaimer** Extension of Time Request below): Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Holland & Knight Ll Signature Printed name Stefan V. Stein' Reg. No. Date 29,702 04/23/2007 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Stefan V. Stein

Typed or printed name

Date

PTO/SB/17 (04-07)

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Effective on 12/08/2004.	Complete if Known			
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).	Application Number	10/681,580		
FEE TRANSMITTAL	Filing Date	October 6, 2003		
For FY 2007	First Named Inventor	Glenn H. Mackal -		
[7]	Examiner Name	Eric S. Keasel		
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	3753		
TOTAL AMOUNT OF PAYMENT (\$) 180.00	Attorney Docket No.	380804.00116		

TOTAL AMOUNT OF PAY	MENT	(\$)	180.00	Attorney Docke	t No. 3	80804.0011	6	
METHOD OF PAYMENT (check all that apply)								
Check Credit Card Money Order None Other (please identify):								
Deposit Account Deposit Account Number: 50-1667 Deposit Account Name: Holland & Knight								
For the above-identi	ied depo	sit account,	the Director is he	reby authorized to	o: (check a	all that apply)		Í
Charge fee(s)	indicated	d below		Charg	ge fee(s) i	ndicated below	v, except for th	ne filing fee
Charge any a	dditional	fee(s) or un	derpayments of fe	e(s) Credi	t any over	payments		
under 37 CFF WARNING: Information on this	form may	y become pu	ıblic. Credit card in	formation should r	ot be inclu	ided on this for	m. Provide cred	it card
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1. BASIC FILING, SEAR	CH AN	D EYAMI	NATION FEES					
I. BASIC FILING, SLAN	FILIN	G FEES	SEAF	RCH FEES	EXAM	INATION FE	ES	ľ
Application Type	Fee (\$	Small Er Fee (\$		Small Entity Fee (\$)	Fee (Small Entit \$) Fee (\$)	<u>ty</u> Fees	s Paid (\$)
Utility	300	150	500	250	200	100		
Design	200	100	100	50	130	65		
Plant	200	100	300	150	160	80		
Reissue	300	150	500	250	600	300	·	
Provisional	200	100	0	0	0	0		
2. EXCESS CLAIM FEES Small Entity								
Fee Description		a Daisayas				<u>Fee (</u> \$	5) <u>Fee (\$</u> 25	-
Each claim over 20 (i Each independent cla						200		
Multiple dependent c		(360	180	
Total Claims	Extra C			e Paid (\$)			le Dependent	
- 20 or HP = HP = highest number of total		X id for, if great	er than 20.			<u>Fee (</u>	<u>\$)</u>	<u>Paid (\$)</u>
Indep. Claims	Extra C			e Paid (\$)				
- 3 or HP = x = HP = highest number of independent claims paid for, if greater than 3.								
3 APPLICATION SIZE FEE								
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer								
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
<u>Total Sheets</u>	Extra S	<u>heets</u>	Number of each	ch additional 50	<u>or fractio</u>		Fee (\$)	Fee Paid (\$)
- 100 = / 50 = (round up to a whole number) x = 8 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)								
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)								
Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): Information Disclosure Statement Fee 180.00 \(\frac{1}{2} \)								
SUBMITTED BY	-// ‡	\leftarrow	S 1	Registration No.		Tol	enhone a . a	7-8500
Signature	/// //	_		Registration No.	29,702	l i eit	ephone 813-227	/-8500 <u>Š</u>

Name (Print/Type) Stefan V Ste

PTO/SB/08A (04-07)

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Substitute for form 1449/P70 1 P

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known			
Application Number	10/681,580		
Filing Date	October 6, 2003		
First Named Inventor	Glenn H. Mackal		
Art Unit	3753		
Examiner Name	Eric S. Keasel		
Attorney Docket Number	380804.00116		

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
-/M.C./		^{US-} 3,308,494	03-14-1967	R. J. Licher	
/M.C./		^{US-} 3,802,012	04-09-1974	Middleton	
		US-			
		US-			
•		US-			
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Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	Т	
	EP 93309156.3	05-25-1994	Gordon, Peter Cronin		
	DE 1242469		Walter Kidde Company		
	DE 1117433		P. Frankenstein		L
	EP 0198805	10-22-1986	M. Hermansson		
					L
	No.'	Country Code ³ "Number ⁴ " - Kind Code ⁵ (if known) EP 93309156.3 DE 1242469 DE 1117433	Country Code ³ Number ⁴ Kind Code ⁵ (# known) EP 93309156.3 DE 1242469 DE 1117433	Country Code ³ Number ⁴ Kind Code ⁵ (# known) MM-DD-YYYY EP 93309156.3 05-25-1994 Gordon, Peter Cronin DE 1242469 Walter Kidde Company DE 1117433 P. Frankenstein	Country Code ³ Number ¹ Kind Code ⁵ (il known) EP 93309156.3 OF Relevant Figures Appear DE 1242469 Walter Kidde Company DE 1117433 P. Frankenstein

Examiner Signature	/Melvin Cartagena/ (05/14/2009)	Date Considered	05/14/2009

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